UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/930,185	08/16/2001	Jarmo Pulkkinen	P 281584 299098US/HS/HER	1112

909	7590	10/16/2006	

PILLSBURY WINTHROP SHAW PITTMAN, LLP
P.O. BOX 10500
MCLEAN, VA 22102

EXAMINER
NGUYEN, DUSTIN

ART UNIT	PAPER NUMBER
2154	

DATE MAILED: 10/16/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address* --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *20 July 2006*.

2a)☒ This action is **FINAL**.   2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-23* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-23* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☐ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.

5)☐ Notice of Informal Patent Application

6)☐ Other: _____.

DETAILED ACTION

1.   Claims 1-23 are presented for consideration.

Response to Arguments

2.   Applicant's arguments filed 07/20/2006 have been fully considered but they are not

persuasive.

3.   As per remarks, Applicants' argued that (1) Jacobs fails to disclose, teach or suggest that

the responses contain at least one pointer indicating a location for additional information.

4.   As to point (1), Jacobs discloses a system and method for managing telecommunications

networks by incorporating an inferencing engine or expert system so that sources of network

problems are inferred, impacts of network events are accessed, and corrective actions are

recommended [Abstract]. In addition, Jacobs discloses in response to a typical network event, a

fiber cut generates an alarm from a network that indicates which transmission segment is out-of-

service [i.e. the responses contain at least one pointer indicating a location for additional

information] [Figure 4; and col 11, lines 54-63]. Also, Jacobs discloses parsing the network

event information to identify an event [col 11, lines 64-col 12, lines 7; and col 15, lines 60-62].

Claim Rejections - 35 USC § 102

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5.   Claims 1-23 are rejected under 35 U.S.C. 102(b) as being anticipated by Jacobs (US

5,761,502).

6.   Jacobs teaches a system/method of data transmission to a network management system

(202, 206), the method comprising:

providing a response (network fault information 204) to be transmitted to the network

management system, the response including at least one pointer indicating a location of

additional information (214, 212, 210; "Network Topology Object Database 318 may be

partitioned into two databases, as shown in FIG. 3a. A Network Topology Object Database 318a

contains objects and object relationships identifying each network element and its relationship to

other elements. A Network State Object Database 318b contains Network State Objects

representing the dynamic state of each network element. Each network element object in

Network Topology Object Database 318a is linked to a network state object in Network State

Object Database 318b, which provides the current state of that network element. Each network

state object is defined by a set of network state attributes that represent the dynamic state of the

corresponding network object. As an example, an object representing network element Trunk

Group 1234 is contained in Network Topology Object Database 318a. Attributes of this object

may include switch/port #1 identifier, switch/port #2 identifier, number of circuits, and type of

service supported by the Trunk Group. Also contained within this object is a pointer to a state

object contained within Network State Object Database 318b. This state object may include an

attribute whose value indicates Trunk Group 1234 is currently experiencing complete blockage on 75% of its circuits.");

transmitting the response to the network management system (202, 206);

receiving the response in the network management system and transmitting the pointer to a network management system user (220);

receiving a request for additional information in the network management system and opening the additional information at the location indicated by the pointer (214; 316, 318, 320);

performing a function relating to network management in a network element and storing information concerning the function as additional information in a location determined by the network management system (314);

performing a function relating to network management in a network element and storing information concerning the function as additional information in a location determined by the network management system (326);

wherein the response is an alarm transmitted to the network management system (DS-3 outage event alarm);

identifies both the location of the additional information and a necessary protocol (see figs. 9 & 1 O; attributes identifies additional location information).

7.   **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within TWO

MONTHS of the mailing date of this final action and the advisory action is not mailed until after

the end of the THREE-MONTH shortened statutory period, then the shortened statutory period

will expire on the date the advisory action is mailed, and any extension fee pursuant to 37

CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

however, will the statutory period for reply expire later than SIX MONTHS from the mailing
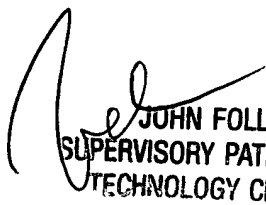
date of this final action.

Conclusion

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Dustin Nguyen whose telephone number is (571) 272-3971. The

examiner can normally be reached on flex schedule.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Follansbee John can be reached on (571) 272-3964. The fax phone number for the

organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would

like assistance from a USPTO Customer Service Representative or access to the automated

information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Dustin Nguyen
Examiner
Art Unit 2154

JOHN FOLLANSBEE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100